



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hiroyuki YASUI et al.  
Title: GAS PURIFYING SYSTEM, GAS PURIFYING METHOD  
AND DISCHARGE REACTION APPARATUS UTILIZED FOR  
GAS PURIFYING SYSTEM  
Appl. No.: Unassigned  
Filing Date: October 1, 2003  
Examiner: Unknown  
Art Unit: Unknown



**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Hiroyuki YASUI  
Kuniyuki ARAKI  
Yoshio HIDA

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (44 pages).
- [ X ] Formal drawings (6 sheets, Figures 1-14).
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO/SB/08 with copies of 2 listed reference(s).
- [ X ] Application Data Sheet (37 CFR 1.76).
- [ X ] Claim for Convention Priority with 2 certified Japanese priority documents.

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00		\$770.00
Total	22	-	20	=	2	x	\$18.00	=	\$36.00
Claims:									
Independ	4	-	3	=	1	x	\$86.00	=	\$86.00
ents:									
If any Multiple Dependent Claim(s) present:						+	\$290.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing						+			
of Executed Declaration and late payment of							\$130.00	=	\$130.00
filing fee									
							SUBTOTAL:	=	\$1022.00
[ ]							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$1,022.00

- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

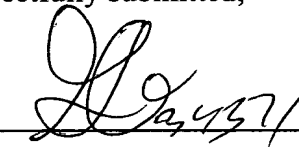
Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date October 1, 2003

FOLEY & LARDNER  
Customer Number: 22428  
Telephone: (202) 672-5414  
Facsimile: (202) 672-5399

By



Richard L. Schwaab  
Attorney for Applicant  
Registration No. 25,479

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

The relevance of the foreign-language documents is described in the present specification. An English translation of the foreign-language documents is not readily available. However, the absence of such translation does not relieve the PTO from its duty to consider the submitted foreign language documents (37 CFR §1.98 and MPEP §609). English language abstracts are provided herewith.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

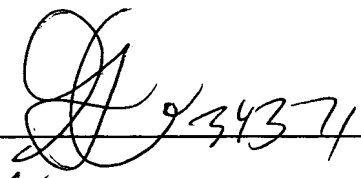
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